Notebook, N-06-02-24.1

This notebook covers the period February-June 1906. All entries are by Edison, except for one by an unidentified experimenter. The book contains Edison's instructions regarding the conduct of storage battery cell endurance tests. In one entry Edison directs the experimenters to send the test results to him at Fort Myers, Florida. The front cover is labeled "Edison Tubes. No. 350 to No. [ ] 2-24-06 to [ ]." The pages are unnumbered. Approximately 30 pages have been used.

06-02-24.1

DATE	RUN	HRS. CH.	M.A.	RUN @	TO. SV.	TO V.	CALIPERS.
50 RUNS ON HOT TEST. CHANGED KOH.							

New Cells Feby 27th
all cells are loaded — 21% 24 hours before loading
Edison numbers

350-
351
352 } Charge and discharge regular rate same as usual on tube cells

Make 6 complete charges and discharges cold then put on hot endurance + run 50 chgs+dischgs — making 5 cold tests between each run of 50 hot chgs+ dischgs — same as now —

353
354
355 } ditto

356
357
358 } ditto

359
360
361 } ditto

362
363 } ditto
364

365
366 } ditto
367

368
369 ditto
370

371
372 } ditto
373

374
375 } ditto
376

377 378 379	ditto
380 381 382	ditto
383 384 385	ditto
386 387 388	ditto
389 390 391	ditto
392 393 394	ditto

395 396 397	ditto
398 399 400	ditto
401 402 403	ditto
404 405 406	ditto
407 408 409	ditto
410 411 412	ditto

413 414 415	ditto
416 417 418	ditto
419 420 421	ditto
422 423 424	ditto
425 426 427	ditto
428 429 430	ditto

439

1 { 9 A.M. – 9 PM ch
2 P – 5 A ok

2 { 5 A – 3 P ch
2 P – 1 A ok

3 { 9 A – 11 A ch
11 A – 9 P ok
9 P – 7 A ch

431
432
433 } dell Co.

434
435
436 } This group to 6s charged 10 hours at regular rate, then allowed stand 10 hours - again charged 10 hours then stand 10 hours again charged 10 hours & allowed to stand 10 hours Then charged 10 hours & Discharged at regular rate after this give them 5 regular Cold charge & discharge & then put them on regular hot endurance test.

437
438
439 } same as 350 -

ec 498

440 } This group is to be run 3 times
441 } Cold - then reversed once equal
442 } to a full charge given it but
in reverse direction - Then it is
to be charged + discharged 3 times
in the regular way cold -
Then do this once more chg + dischg
3 times. Then a reversed charge +
Recharge ~~+~~ dischg 3 times cold.
Then put on hot test for 50 runs
but give it a reverse charge
hot once a week -- then after
the 50 charges + dis. 5 times cold
+ put back on hot test, do this
on every hot test of 50 runs

443 }
444 } work this group precisely
445 } like group 440

446 }
447 }
448 } work these same as 350
449 }
450 }

451
452 } work same as 350
453

454
455 } ditto
456

457
458 } ditto
459

460
461 } ditto
462

463
464 } ditto
465

466
467 } ditto
467½

468
469
470 } Work same as 350

471
472
473 } ditto

474
475
476 } ditto

477
478
479 } ditto

480
481
481½ } ditto

482
483
484 } ditto

484½
485 ditto.
486

487
488 } Work same as 350
489

490 ditto

491 "

492 "

493 "

494 } "
495 }

496 } "
497 }

498 Printed same as group 440

499 } treated same as 350
500

501 ditto

502 }
503 } ditto
504

505 }
506 } ditto
507

508 }
509 } ditto
510

511 }
512 } ditto
513

After I have gone Carter will deliver your cells from 514 to 632 — These are all to be run like 350 — in the regular way —

Send the 6th run of every cell to me by mail to Fort Myers Florida,

I will probably be back before the hot run is run off cold —

Edison

NOTICE

All cells up to this point are run in reg 2% KOH

350

514
515 } Treated same as 350
516 but with special solution

517
18 } ditto
19

520
21 } ditto
22

523
24 } ditto
24½

525
26 } ditto
27

528
29 } ditto
30

531
32 } ditto
33

534
35 } Treated same as 350
36 but with special solution

537
38 } ditto
39

540
41 } ditto
42

543
44 } ditto
45

546
47 } ditto
48

549
50 } ditto
51

552
53 } ditto
54

555
56 } Treated same as 350
57 but with a special solution

558
59 } ditto
60

561
62 } ditto
63

564
65 } ditto
66

567
68 } 1906 JUN 18 REC ditto
69

570
71 } ditto
72

573
74 } Treated same as 350
75 Rg 2% KOH

576
77 } Treated same as 350
78 Runs in Reg 2170 KOH.

579
80 } ditto
81

582
83 } ditto
84

585
86 } ditto
87

588
89 } ditto
90

591
92 } ditto
93

594
95 } ditto
96

597 } Treated same as 350
98 } Run in Reg 2170
99 }

600 } ditto
01 }
02 }

603 } ditto
04 }
05 }

606 } ditto
07 }
08 }

609 } ditto
10 }
11 }

612 } ditto
13 }
14 }

615 } ditto
16 }
17 }

618
19 } Treated same as 350
20 } Run in Reg. 7 & KOH

621
22 } ditto
23

624
25 } ditto
26

627
28 } ditto
29

630
31 } ditto
32

633
34
35 } ditto
36
37

638
39
40 } Treated same as 350
41 } Run in Reg 2 1% KOH
42

643
44 } ditto
45

646
47 } ditto
48

649
50 } ditto
51

652
53 } ditto
54

655
56 } ditto
57

658
59 } Located same as 350
60 } Run in Reg 2170

661
62 } ditto
63

664
65 } ditto
66

667
" 68 } ditto
69

670
71 } ditto
72

673
74 } ditto
75

676
77 } ditto
78

679
80 } Treated same as 350
81 } Run in Reg 2.1% KOH

682
83 } ditto
84

685
86
87 } ditto
88
89

690
91 } ditto
92

693
94 } ditto
95

696
97 } ditto
98

699	
700	
01	Treated same as 356
02	Run in Rep 21% KOH.
03	
704	
05	ditto
06	
707	
08	ditto
09	
710	
11	ditto
12	
713	
14	ditto
15	
716	
17	ditto
18	

719
20 } Treated same as 350
21 } Run in seq 2170

722
23 } ditto
24

725
26 } Treated same as 350
27 } but run in a special solution

728
29 } ditto
30

731
32 } ditto
33

734
35 } ditto
36

737
38 } ditto
39

740
41 } Treated same as 350
42 } but run in a special solution

743
44 } ditto
45

746
47 } ditto
48

749
50 } Treated same as 350
51 } Run in Reg 21% KOH

752 } These are not to go on Hot Endurance
53 } but are run cold. Give 6 reg
54 } Reg 21% KOH

755
56 } ditto
57

758
59 } ditto
60

Run cold on Hot Test Table

Run cold on hot
Test Table Jr.

761
62 } Treated same as 752
63 } Reg 21.70 KOH.

764 } This group is to be used to determine
65 } the charge and discharge rates
66 } economy etc. Not to go on
endurance. If it gets cold enough
to make a charge and discharge
test cold.
Give 5 reg runs before the above.
Plot both your charge and
discharge runs on the efficiency
tests.

766
350
416
421
437

767
68 } Treated same as 350
69 } Run in 21.70 KOH

770
71 } Ditto
72

773
74 } Ditto
75

MAY 21 REC

MAY 21 REC

776
77 } Treated same as 35. Run in 21% KOH
78

779
80 } Ditto
81

782
83 } Ditto
84

785
86 } Ditto
87

788
89 } Ditto
90

791
92 } Ditto
93

794
95 } Ditto
96

797
98 } Treated same as 350
99 Run in 7170 KOH

800
01 } Ditto
02

803
04 } Ditto
05

806
07 } Ditto
08

809
10 } Ditto
11

812
13 } Ditto
14

815
16 } Treated same as 350
17 but Run in special sol

818
19 } Treated same as 350
20 but run in special sol.

821
22 } Ditto
23

824
25 } Ditto
26

827
28
29 } Treated same as 350
30 Run in 21% KOH
31

832
33
34 } Ditto
35
36

836
350
486

MAR 28 1908